

SLOT FILLER WITH CAPABILITY TO CONTROL ELECTRONIC COOLING AIR RECIRCULATION

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ABSTRACT

A slot filler for usage in a rack cabinet can accept a plurality of stacked electronic devices. The cabinet has an air inlet and exit on mutually opposing sides and a plurality of slots capable of securing the stacked electronic devices. The slot filler comprises a blanking panel capable of covering an entry opening of a slot that is unoccupied by an electronic device, and a body coupled to the blanking panel that emulates dimensions of an electronic device and has a thickness selected so that clearance between the slot filler and an adjacent electronic device leaves an air flow gap from the air inlet to exit that is sufficiently small to create an air flow resistance preventing air from re-circling toward the air inlet.